JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 364 (1989)

AUTHOR INDEX

Abd-El-Aziz, A.S., (364) 217
Abicht, H.-P., (364) 415
Appleton, T.G., (364) 249
Ates, M., (364) 67
Ayala, A.D., (364) 39

Bajgur, C.S., (364) 105
Bakhmutov, V.I., (364) 195
Bashiardes, G., (364) C29
Basumatary, J.K., (364) 73
Baudin, C., (364) C1
Bednarek, E., (364) 29
Beletskaya, I.P., (364) 231
Benn, R., (364) 19
Bent, E.G., (364) C25
Berry, R.D., (364) 249
Bhaduri, S., (364) C11
Bishop, P.T., (364) 381
Bitcon, C., (364) 181
Boche, G., (364) 275
Boersma, J., (364) 1
Booij, M., (364) 79
Brandsma, L., (364) 1
Braunstein, P., (364) C5
Breeze, R., (364) 181
Breunig, H.J., (364) 67
Broussier, R., (364) 149
Bumagin, N.A., (364) 231

Charland, J.-P., (364) 343
Chicote, M.T., (364) 407
Chopa, A.B., (364) 39
Collingwood, S.P., (364) C29
Cordier, C., (364) 195

Davies, S.G., (364) C29
Day, V.W., (346) 373
Dérien, S., (364) C33
Di Vaira, M., (364) 399
Dias, A.R., (364) 97
Dunach, E., (364) C33

Ephritikhine, M., (364) C1
Erker, G., (364) 119, 133

Fakhr, A., (364) 149
Fernandez-Baeza, J., (364) 407
Ferrer, M., (364) C5
Fischer, H., (364) 155

Gautheron, B., (364) 149
Gerbing, U., (364) 155
Giagante, N.N., (364) 39
Glass, R.S., (364) 373
Goh, L.Y., (364) 363
Grondey, H., (364) 119
Gruselle, M., (364) 195
Güleç, S., (364) 67

Hall, J.R., (364) 249
Haltiwanger, R.C., (364) C25
Harder, S., (364) 1
Harms, K., (364) 275
Heeres, H.J., (364) 79, 87
Heinicke, J., (364) C17
Herberhold, M., (364) 381
Hildenbrand, T., (364) 289
Hoover, J.F., (364) 373
Houlton, A., (364) 381

Ikawa, T., (364) 235

Jaouen, G., (364) 195
Jones, P.G., (364) C11
Jurkschat, K., (364) 415

Kabi-Satpathy, A., (364) 105
Kamieńska-Trela, (364) 29
Kanters, J.A., (364) 1
Kerzina, Z.A., (364) 301
Khabashesku, V.N., (364) 301
Kiers, N.H., (364) 79
Kiji, J., (364) 245
Klingebiel, U., (364) 313
Kneuper, H.-J., (364) 275
Konishi, H., (364) 245
Korek, U., (364) 133
Krüger, C., (364) 119, 133
Kumar Das, V.G., (364) 343, 353

Laviron, E., (364) 149
Layh, M., (364) 289
Leblanc, J.C., (364) C3, C22
Leboeuf, J.F., (364) C22
Lee, C., (364) 217
Lochmann, L., (364) 281

Main, L., (364) C37
Mak, T.C.W., (364) 363
Maltsev, A.K., (364) 301
Martinho Simões, J.A., (364) 97
Matsumura, C., (364) 245
Mier, G.P.M. van, (364) 1
Miller, P.F., (364) 181
Moïse, C., (364) C3, C22
More, P.G., (364) 231
Moro-oka, Y., (364) 235
Mugnier, Y., (364) 149
Mynott, R., (364) 119

Nabaoui, H., (364) 149
Neale, D.W., (364) 249
Nefedov, O.M., (364) 301
Ng, S.W., (364) 343, 353
Nicholson, B.K., (364) C37
Nolte, R., (364) 119
Norman, A.D., (364) C25
Normant, J.-F., (364) 17

Okano, T., (364) 245

Palotai, I.M., (364) C14
Patsalides, E., (364) 169
Pattiasina, J.W., (364) 97
Périchon, J., (364) C33
Peruzzini, M., (364) 399
Peters, E.-M., (364) 415
Peters, K., (364) 415
Petersen, J.L., (364) 105
Piórko, A., (364) 217
Podestá, J.C., (364) 39
Pratten, S.J., (364) 169
Preston, S.C., (364) C29
Puff, H., (364) 57
Pütz, G., (364) 323

Reddy, K.P., (364) 105
Reuter, H., (364) 57
Reutov, O.A., (364) 195
Rickard, C.E.F., (364) 391
Riede, J., (364) 155
Robards, K., (364) 169
Roberts, R.M.G., (364) 381
Robinson, N.P., (364) C37
Rogers, R.D., (364) 87
Roper, W.R., (364) 391
Ross, W.J., (364) C14
Rossell, O., (364) C5
Roullier, L., (364) 149

Salema, M.S., (364) 97
Sapre, N.Y., (364) C11
Sato, M., (364) 207
Sauvêtre, R., (364) 17
Schaeffer, R., (364) C25
Schlund, R., (364) 119, 133
Schmidt-Baese, D., (364) 313
Schnering, H.G. von, (364) 415
Seco, M., (364) C5
Sharma, K.R., (364) C11
Silver, J., (364) 381
Singh, A.K., (364) 73
Sitkowski, J., (364) 29
Smith, F.E., (364) 343
Sokolov, V.I., (364) 195
Stephenson, G.R., (364) C14
Stoppioni, P., (364) 399
Sutherland, R.G., (364) 217
Suzuki, H., (364) 235
Syed, A., (364) 353

Tellier, F., (364) 17
Teuben, J.H., (364) 79, 87, 97
Troitskaya, L.L., (364) 195
Tupper, D.E., (364) C14
Uhl, W., (364) 289
Urata, H., (364) 235

Vaira, M. di, (364) 399
Van Mier, G.P.M., (364) 1
Vicente, J., (364) 407
Von Schnering, H.G., (364) 415
Vondrák, T., (364) 207

Warwel, S., (364) 323
Wei, C., (364) 343
Whiteley, M.W., (364) 181
Wong, R.C.S., (364) 363
Wrackmeyer, B., (364) 331
Wright, L.J., (364) 391
Wright, M.E., (364) 373

Young, L., (364) 391

Zhang, C.H., (364) 217

JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 364 (1989)

SUBJECT INDEX

Antimony

Alkylantimony dichloride and dibromide, formation and NMR spectra of (M. Ates, H.J. Breunig, S. Güleç), (364) 67

Antimony-iron and bismuth-iron anionic clusters, synthesis of (M. Ferrer, O. Rossell, M. Seco, P. Braunstein), (364) C5

Arsenic

Organoelement-benzasole derivatives of P, As, Si and Sn, synthesis and pyrolysis of (J. Heinicke), (364) C17

Tetrapnicogen trisulphide cage molecules, cleavage by cobalt(II) ligand of; crystal structure of $[(tppme)Co(A_2S)]BF_4$ and $[(tppme)Co(PAsS)]BF_4$ (M. Di Vaira, P. Stoppioni, M. Peruzzini), (364) 399

Bismuth

Antimony-iron and bismuth-iron anionic clusters, synthesis of (M. Ferrer, O. Rossell, M. Seco, P. Braunstein), (364) C5

Boron

Organometal substituted stannacyclopentadienes, synthesis and polynuclear NMR spectroscopy of (B. Wrackmeyer), (364) 331

Cerium

Monopentamethylcyclopentadienyl-lanthanum and -cerium alkoxides, formation of; crystal structure of $(C_5Me_5Ce(OCMe_3)_2)_2$ (H.J. Heeres, J.H. Teuben, R.D. Rogers), (364) 87

Monopentamethylcyclopentadienyl-yttrium, -lanthanum, and -cerium derivatives, synthesis of (M. Booij, N.H. Kiers, H.J. Heeres, J.H. Teuben), (364) 79

Chromium

Alkyl-substituted η^6-benzenetricarbonylchromium(0) complexes, stability and gas chromatography of (E. Patsalides, S.J. Pratten, K. Robards), (364) 169

$(C_5H_5)_2Cr_2(CO)_4(\mu\text{-}\eta^2\text{-}P_2)$, coordination to metal carbonyl fragments of; crystal structure of $(C_5H_5)_2Cr_2(CO)_4(\mu\text{-}\eta^2\text{-}P_2)[Cr(CO)_5]_2$ (L.Y. Goh, R.C.S. Wong, T.C.W. Mak), (364) 363

Heterocycle formation by [4 + 2]-cycloaddition of transition-metal coordinated hetero olefins to butadienes, regioselectivity of (H. Fischer, U. Gerbin, J. Riede), (364) 155

Cobalt

Carbenium ions, stabilisation by two adjacent organometallic moieties: synthesis, NMR and synthetic application of (L.L. Troitskaya, V.I. Sokolov, V.I. Bakhmutov, O.A. Reutov, M. Gruselle, C. Cordier, G. Jaouen), (364) 195

Tetrapnicogen trisulphide cage molecules, cleavage by cobalt(II) ligand of; crystal structure of $[(tppme)Co(A_2S)]BF_4$ and $[(tppme)Co(PAsS)]BF_4$ (M. Di Vaira, P. Stoppioni, M. Peruzzini), (364) 399

Gallium

Tetrakis[bis(trimethylsilyl)methyl]digallane(4) with Ga–Ga bonds, synthesis and molecular structure of (W. Uhl, M. Layh, T. Hildenbrand), (364) 289

Gold

$Ph_3PAu–CHPh–SO_2$-t-Bu, synthesis and crystal structure of (H.-J. Kneuper, K. Harms, G. Boche), (364) 275

Hafnium

Metallocenylides of zirconium and hafnium $(C_5H_5)_2M(R)(=CHPPh_3)$, carbonylation of (G. Erker, U. Korek, R. Schlund, C. Krüger), (364) 133

Iron

α-Alkyl succinates, differentially protected asymmetric synthesis of (G. Bashiardes, S.P. Collingwood, S.G. Davies, S.C. Preston). (364) C29

Antimony-iron and bismuth-iron anionic clusters, synthesis of (M. Ferrer, O. Rossell, M. Seco, P. Braunstein), (364) C5

Carbenium ions, stabilisation by two adjacent organometallic moieties: synthesis, NMR and synthetic application of (L.L. Troitskaya, V.I. Sokolov, V.I. Bakhmutov, O.A. Reutov, M. Gruselle, C. Cordier, G. Jaouen), (364) 195

η^5-$C_5H_5Fe(CO)_2(\eta^1$-$C_5H_4X)$ (X = CH_3, CONHTs) complexes, investigation of; crystal and molecular structure of 5-[η^5-$C_5H_5Fe(CO)_2$]-1-[TsNHCO]cyclopentadiene (M.E. Wright, J.F. Hoover, R.S. Glass, V.W. Day), (364) 373

Cyclopentadienyliron complexes of *o*-, *m*- and *p*-dichlorobenzenes, mono- and di-substitution reactions of (C.C. Lee, C.H. Zhang, A.S. Abd-El-Aziz, A. Piórko, R.G. Sutherland), (364) 217

1,*n*-Dithia[*n*]ferrocenophanes, orbital interactions in (T. Vondrák, M. Sato), (364) 207

Ferrocenylamines and ferrocenylphosphines, Mössbauer studies on (A. Houlton, P.T. Bishop, R.M.G. Roberts, J. Silver, M. Herberhold), (364) 381

Tricarbonyl(η^5-cyclohexadienyl)iron(1 +), 1-methoxy-substituted complex, alkylation of (I.M. Palotai, G.R. Stephenson, W.J. Ross, D.E. Tupper), (364) C11

Lanthanium

Monopentamethylcyclopentadienyl-lanthanum and -cerium alkoxides, formation of; crystal structure of $(C_5Me_5Ce(OCMe_3)_2)_2$ (H.J. Heeres, J.H. Teuben, R.D. Rogers), (364) 87

Monopentamethylcyclopentadienyl-yttrium, -lanthanum, and -cerium derivatives, synthesis of (M. Booij, N.H. Kiers, H.J. Heeres, J.H. Teuben), (364) 79

Lithium

Butyllithium and heavier alkali metal t-pentoxide complex bases, properties and reaction with organic halogenides of (L. Lochmann), (364) 281

Fluorocodlemones, preparation by Pd-catalysed cross-coupling reactions of (F. Tellier, R. Sauvêtre, J.-F. Normant), (364) 17

1-Lithio-2-methoxybenzene, molecular structure in the solid state and in solution of (S. Harder, J. Boersma, L. Brandsma, G.P.M. van Mier, J.A. Kanters), (364) 1

Manganese

ortho-Manganated aryl-ketones, aldehydes and amides, reactions with alkynes of; synthesis of inden-1-ols and indenones (N.P. Robinson, L. Main, B.K. Nicholson), (364) C37

Mercury

Palladium-catalysed cross-coupling reactions of organomercurials with organic halides (N.A. Bumagin, P.G. More, I.P. Beletskaya), (364) 231

Metallocenes

t-Alkylcyclopentadienyl-substituted (η^4-*s-cis*-butadiene)-zirconocene complexes, hindered (RCp)–M rotation in (G. Erker, R. Nolte, C. Krüger, R. Schlund, R. Benn, H. Grondey, R. Mynott), (364) 119

α-Alkyl succinates, differentially protected asymmetric synthesis of (G. Bashiardes, S.P. Collingwood, S.G. Davies, S.C. Preston). (364) C29

Carbenium ions, stabilisation by two adjacent organometallic moieties: synthesis, NMR and synthetic application of (L.L. Troitskaya, V.I. Sokolov, V.I. Bakhmutov, O.A. Reutov, M. Gruselle, C. Cordier, G. Jaouen), (364) 195

Cycloheptatrienyl-molybdenum and -tungsten, synthesis and redox chemistry of phosphine- and phosphite-substituted halide and acetonitrile derivatives of (C. Bitcon, R. Breeze, P.F. Miller, M.W. Whiteley), (364) 181

1,*n*-Dithia[*n*]ferrocenophanes, orbital interactions in (T. Vondrák, M. Sato), (364) 207

Ferrocenylamines and ferrocenylphosphines, Mössbauer studies on (A. Houlton, P.T. Bishop, R.M.G. Roberts, J. Silver, M. Herberhold), (364) 381

Group 4 *ansa*-metallocene complexes containing a 1-sila-3-metallacyclobutane ring, synthesis and structural characterization of (A. Kabi-Satpathy, C.S. Bajgur, K.P. Reddy, J.L. Petersen), (364) 105

$Nb_2(\eta^5\text{-}C_5H_5)_4Cl_4Cl_2S$ (S = *N*,*N*-dimethylformamide) formed by reduction of $Nb(\eta^5\text{-}C_5H_5)_2Cl_2$, electrochemical characteristics of (A. Fakhr, H. Nabaoui, Y. Mugnier, L. Roullier, R. Broussier, B. Gautheron, E. Laviron), (364) 149

Molybdenum

Carbenium ions, stabilisation by two adjacent organometallic moieties: synthesis, NMR and synthetic application of (L.L. Troitskaya, V.I. Sokolov, V.I. Bakhmutov, O.A. Reutov, M. Gruselle, C. Cordier, G. Jaouen), (364) 195

Cycloheptatrienyl-molybdenum and -tungsten, synthesis and redox chemistry of phosphine- and phosphite-substituted halide and acetonitrile derivatives of (C. Bitcon, R. Breeze, P.F. Miller, M.W. Whiteley), (364) 181

Triphenylphosphine oxide cocrystallization of a tris(diazaphosphole)molybdenum complex (E.G. Bent, R. Schaeffer, R.C. Haltiwanger, A.D. Norman), (364) C25

Nickel

Nickel-catalysed reductive electrocarboxylation of disubstituted alkynes (E. Duñach, S. Dérien, J. Périchon), (364) C33

Niobium

$(C_5H_5)_2NbH$ and $(C_5H_5)_2TaH$, π-coordination of N=N and C=N bonds in (J.F. Leboeuf, J.C. Leblanc, C. Moïse), (364) C22

$Nb_2(\eta^5\text{-}C_5H_5)_4Cl_4Cl_2S$ (S = *N*,*N*-dimethylformamide) formed by reduction of $Nb(\eta^5\text{-}C_5H_5)_2Cl_2$, electrochemical characteristics of (A. Fakhr, H. Nabaoui, Y. Mugnier, L. Roullier, R. Broussier, B. Gautheron, E. Laviron), (364) 149

Tantalum complex containing a side-bonded diphenyldiphosphene, synthesis of (J.C. Leblanc, C. Moïse), (364) C3

Palladium

Bis(triphenylphosphine)palladium(0), preparation and reactions of (H. Urata, H. Suzuki, Y. Moro-oka, T. Ikawa), (364) 235

Fluorocodlemones, preparation by Pd-catalysed cross-coupling reactions of (F. Tellier, R. Sauvêtre, J.-F. Normant), (364) 17

Palladium-catalysed cross-coupling reactions of organomercurials with organic halides (N.A. Bumagin, P.G. More, I.P. Beletskaya), (364) 231

$[\overline{Pd\{CH\{P(2\text{-}C_6H_4)Ph_2\}(Co_2Me)\}(\mu\text{-}Cl)}]_2$ and derivatives and $[PdCl_2\{CH(PPh_3)CO_2Me\}_2]$, synthesis of (J. Vicente, M.T. Chicote, J. Fernandez-Baeza), (364) 407

Phenothiazinonepalladium σ-bonded complexes, synthesis and spectroscopic characterization of (H. Konishi, C. Matsumura, T. Okano, J. Kiji), (364) 245

Phosphorus

{[Bis(dibenzylmethylphosphino][bis(diethylsulphido)]platinum(II) chloride, synthesis and structure of (H.-P. Abicht, K. Jurkschat, K. Peters, E.-M. Peters, H.G. von Schnering), (364) 415

Bis(triphenylphosphine)palladium(0), preparation and reactions of (H. Urata, H. Suzuki, Y. Moro-oka, T. Ikawa), (364) 235

$(C_5H_5)_2Cr_2(CO)_4(\mu\text{-}\eta^2\text{-}P_2)$, coordination to metal carbonyl fragments of; crystal structure of $(C_5H_5)_2Cr_2(CO)_4(\mu\text{-}\eta^2\text{-}P_2)[Cr(CO)_5]_2$ (L.Y. Goh, R.C.S. Wong, T.C.W. Mak), (364) 363

$\eta^5\text{-}C_5H_5Fe(CO)_2(\eta^1\text{-}C_5H_4X)$ (X = CH_3, CONHTs) complexes, investigation of; crystal and molecular structure of 5-$[\eta^5\text{-}C_5H_5Fe(CO)_2]$-1-[TsNHCO]cyclopentadiene (M.E. Wright, J.F. Hoover, R.S. Glass, V.W. Day), (364) 373

Cycloheptatrienyl-molybdenum and -tungsten, synthesis and redox chemistry of phosphine- and phosphite-substituted halide and acetonitrile derivatives of (C. Bitcon, R. Breeze, P.F. Miller, M.W. Whiteley), (364) 181

Maleic anhydride complex, $Ru(\eta^2\text{-}C_4H_2O_3)(CO)(CN\text{-}p\text{-}tolyl)(PPh_3)_2$, crystal structure of (C.E.F. Rickard, W.R. Roper, L.J. Wright, L. Young), (364) 391

Metallocenylides of zirconium and hafnium $(C_5H_5)_2M(R)(=CHPPh_3)$, carbonylation of (G. Erker, U. Korek, R. Schlund, C. Krüger), (364) 133

Organoelement-benzasole derivatives of P, As, Si and Sn, synthesis and pyrolysis of (J. Heinicke), (364) C17

$[\overline{Pd\{CH\{P(2\text{-}C_6H_4)Ph_2\}}(Co_2Me)\}(\mu\text{-}Cl)]_2$ and derivatives and $[PdCl_2\{CH(PPh_3)CO_2Me\}_2]$, synthesis of (J. Vicente, M.T. Chicote, J. Fernandez-Baeza), (364) 407

$Ph_3PAu\text{–}CHPh\text{–}SO_2\text{-}t\text{-}Bu$, synthesis and crystal structure of (H.-J. Kneuper, K. Harms, G. Boche), (364) 275

Tantalum complex containing a side-bonded diphenyldiphosphene, synthesis of (J.C. Leblanc, C. Moïse), (364) C3

Tetrapnicogen trisulphide cage molecules, cleavage by cobalt(II) ligand of; crystal structure of $[(tppme)Co(A_2S)]BF_4$ and $[(tppme)Co(PAsS)]BF_4$ (M. Di Vaira, P. Stoppioni, M. Peruzzini), (364) 399

Triphenylphosphine oxide cocrystallization of a tris(diazaphosphole)molybdenum complex (E.G. Bent, R. Schaeffer, R.C. Haltiwanger, A.D. Norman), (364) C25

Triphenyltellurium(IV) dithiocarbamates, xanthates, and dithiophosphates, formation and characterisation of (A.K. Singh, J.K. Basumatary), (364) 73

Platinum

{[Bis(dibenzylmethylphosphino][bis(diethylsulphido)]platinum(II) chloride, synthesis and structure of (H.-P. Abicht, K. Jurkschat, K. Peters, E.-M. Peters, H.G. von Schnering), (364) 415

Norbornadiene (NBD) displacement from $Pt(CF_3)_2(NBD)$ by weak donor ligands L, and reactions of *cis*-$Pt(CF_3)_2L_2$ with water and acids (T.B. Appleton, R.D. Berry, J.R. Hall, D.W. Neale), (364) 249

Potassium

Butyllithium and heavier alkali metal t-pentoxide complex bases, properties and reaction with organic halogenides of (L. Lochmann), (364) 281

Rhenium

Alkyltin-activated Re_2O_7/Al_2O_3, metathesis of carbonyl-protected ketone in (S. Warwel, G. Pütz), (364) 323

Ruthenium

Maleic anhydride complex, $Ru(\eta^2\text{-}C_4H_2O_3)(CO)(CN\text{-}p\text{-}tolyl)(PPh_3)_2$, crystal structure of (C.E.F. Rickard, W.R. Roper, L.J. Wright, L. Young), (364) 391

Ruthenium-cluster-catalysed transfer hydrogenation of carbon tetrahalides: isolation and X-ray structure of the intermediate, $Ru_3(CO)_7Cl_2(OC_6H_{11})_2$ (S. Bhaduri, N.Y. Sapre, K.R. Sharma, P.G. Jones), (364) C8

Selenium

Heterocycle formation by [4 + 2]-cycloaddition of transition-metal coordinated hetero olefins to butadienes, regioselectivity of (H. Fischer, U. Gerbin, J. Riede), (364) 155

Silicon

Alkyltin-activated Re_2O_7/Al_2O_3, metathesis of carbonyl-protected ketone in (S. Warwel, G. Pütz), (364) 323

Fluorocodlemones, preparation by Pd-catalysed cross-coupling reactions of (F. Tellier, R. Sauvêtre, J.-F. Normant), (364) 17

Group 4 *ansa*-metallocene complexes containing a 1-sila-3-metallacyclobutane ring, synthesis and structural characterization of (A. Kabi-Satpathy, C.S. Bajgur, K.P. Reddy, J.L. Petersen), (364) 105

Octamethylcyclotetrasiloxane, allyloxy- and allyl(allyloxy)-dimethylsilanes and 2,2,6-trimethyl-2-silapyrane as potential sources of dimethylsilanone, matrix IR spectroscopic study of vacuum pyrolysis of (V.N. Khabashesku, Z.A. Kerzina, A.K. Maltsev, O.K. Nefedov), (364) 301

Organoelement-benzasole derivatives of P, As, Si and Sn, synthesis and pyrolysis of (J. Heinicke), (364) C17

Organometal substituted stannacyclopentadienes, synthesis and polynuclear NMR spectroscopy of (B. Wrackmeyer), (364) 331

trans- and *cis*-Silyl substituted 1,2-dihalogenoethenes, analysis of spectral parameters of (K. Kamieńska-Trela, L. Kania, J. Sitkowski, E. Bednarek), (364) 29

(SiNSiO) four-membered rings, synthesis of; crystal structure of $(Me_3C)_2\overline{SiOSi(CMe_3)_2N}SiMe_3$ (D. Schmidt-Baese, U. Klingebiel), (364) 313

Tetrakis[bis(trimethylsilyl)methyl]digallane(4) with Ga–Ga bonds, synthesis and molecular structure of (W. Uhl, M. Layh, T. Hildenbrand), (364) 289

Sodium

Butyllithium and heavier alkali metal t-pentoxide complex bases, properties and reaction with organic halogenides of (L. Lochmann), (364) 281

Triphenyltellurium(IV) dithiocarbamates, xanthates, and dithiophosphates, formation and characterisation of (A.K. Singh, J.K. Basumatary), (364) 73

Sulphur

1,*n*-Dithia[*n*]ferrocenophanes, orbital interactions in (T. Vondrák, M. Sato), (364) 207

Phenothiazinonepalladium σ-bonded complexes, synthesis and spectroscopic characterization of (H. Konishi, C. Matsumura, T. Okano, J. Kiji), (364) 245

$Ph_3PAu–CHPh–SO_2$-t-Bu, synthesis and crystal structure of (H.-J. Kneuper, K. Harms, G. Boche), (364) 275

Tetrapnicogen trisulphide cage molecules, cleavage by cobalt(II) ligand of; crystal structure of $[(tppme)Co(A_2S)]BF_4$ and $[(tppme)Co(PAsS)]BF_4$ (M. Di Vaira, P. Stoppioni, M. Peruzzini), (364) 399

Triphenyltellurium(IV) dithiocarbamates, xanthates, and dithiophosphates, formation and characterisation of (A.K. Singh, J.K. Basumatary), (364) 73

Tantalum

$(C_5H_5)_2NbH$ and $(C_5H_5)_2TaH$, π-coordination of N=N and C=N bonds in (J.F. Leboeuf, J.C. Leblanc, C. Moïse), (364) C22

Tellurium

Tantalum complex containing a side-bonded diphenyldiphosphene, synthesis of (J.C. Leblanc, C. Moïse), (364) C3

Triphenyltellurium(IV) dithiocarbamates, xanthates, and dithiophosphates, formation and characterisation of (A.K. Singh, J.K. Basumatary), (364) 73

Tin

Alkyltin-activated Re_2O_7/Al_2O_3, metathesis of carbonyl-protected ketone in (S. Warwel, G. Pütz), (364) 323

Bis(2-carbomethoxyethyl)chloro(quinolin-8-olato)tin(IV) skew-trapezoidal bipyramidal complex, crystal and molecular structure of (S.W. Ng, C. Wei, V.G. Kumar Das, J.-P. Charland, F.E. Smith), (364) 343

Isopropyl- and isobutyl-hydroxytin dihalogenide hydrate, $RSn(OH)Cl_2 \cdot H_2O$, molecular and crystal structure of (H. Puff, H. Reuter), (364) 57

Organoelement-benzasole derivatives of P, As, Si and Sn, synthesis and pyrolysis of (J. Heinicke), (364) C17

Organometal substituted stannacyclopentadienes, synthesis and polynuclear NMR spectroscopy of (B. Wrackmeyer), (364) 331

Organotin esters of 3-benzoylpropionic acid, crystal structure of triphenyltin(IV) 3-benzoylpropionate, $(C_6H_5)_3SnOC(O)(CH_2)_2C(O)C_6H_5$ (S.W. Ng, V.G. Kumar Das, A. Syed), (364) 353

Organotin hydride additions to various methyl dihydronaphthalenecarboxylates (J.C. Podestá, A.D. Ayala, A.B. Chopa, N.N. Giagante), (364) 39

Titanium

Group 4 *ansa*-metallocene complexes containing a 1-sila-3-metallacyclobutane ring, synthesis and structural characterization of (A. Kabi-Satpathy, C.S. Bajgur, K.P. Reddy, J.L. Petersen), (364) 105

Ti(η^5-C_5Me_5)($C_5Me_4CH_2$) and Ti(η^5-C_5Me_5)[$C_5Me_3(CH_2)_2$], thermochemistry of (A.R. Dias, M.S. Salema, J.A. Martinho Simões, J.W. Pattisasina, J.H. Teuben), (364) 97

Tungsten

Cycloheptatrienyl-molybdenum and -tungsten, synthesis and redox chemistry of phosphine- and phosphite-substituted halide and acetonitrile derivatives of (C. Bitcon, R. Breeze, P.F. Miller, M.W. Whiteley), (364) 181

Heterocycle formation by [4 + 2]-cycloaddition of transition-metal coordinated hetero olefins to butadienes, regioselectivity of (H. Fischer, U. Gerbin, J. Riede), (364) 155

Uranium

Uranium(IV), bis(tri-t-butylmethoxide), complexes of (C. Baudin, M. Ephritikhine), (364) C1

Yttrium

Monopentamethylcyclopentadienyl-yttrium, -lanthanum, and -cerium derivatives, synthesis of (M. Booij, N.H. Kiers, H.J. Heeres, J.H. Teuben), (364) 79

Zirconium

t-Alkylcyclopentadienyl-substituted (η^4-*s-cis*-butadiene)-zirconocene complexes, hindered (RCp)–M rotation in (G. Erker, R. Nolte, C. Krüger, R. Schlund, R. Benn, H. Grondey, R. Mynott), (364) 119

Group 4 *ansa*-metallocene complexes containing a 1-sila-3-metallacyclobutane ring, synthesis and structural characterization of (A. Kabi-Satpathy, C.S. Bajgur, K.P. Reddy, J.L. Petersen), (364) 105

Metallocenylides of zirconium and hafnium $(C_5H_5)_2M(R)(=CHPPh_3)$, carbonylation of (G. Erker, U. Korek, R. Schlund, C. Krüger), (364) 133